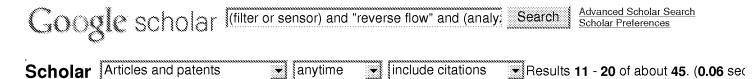
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Micro total **analysis** system

K Higashino, A Nakajima, Y Sando - US Patent App. 11/378,519, 2006 - Google Patents ... micro-machine technology and microscopic processing technology, systems are being developed in which devices and means (for example pumps, valves, flow paths, sensors and the like) for performing conventional sample preparation, chemical analysis, chemical synthesis ... All 4 versions

Existence of a bovine LINE repetitive insert that appears in the cDNA of bovine ... I Takahashi, T Nobukuni, H Ohmori, M Kobayashi, S ... - Gene, 1998 - Elsevier ... Sequencing data were surveyed against the DDBJ/EMBL/GenBank nucleic acid database and analyzed ... in various tissues, we examined the expression of hBCNT mRNA by Northern blot analysis. ... of human tissues was obtained from Clontech (CL7760-1). The filter was probed ... Cited by 10 - Related articles - All 5 versions

Microscale devices and reactions in microscale devices

MA Burns, CH Mastrangelo, TS Sammarco, ... - US Patent App. 09/ ..., 2000 - Google Patents ... reagent microdroplets can be injected, measured, and moved between the biochemical analysis components ... at 65°C. for 10 minutes) using the integral heaters and temperature sensors. ... While a variety of reverse flow approaches are possible, one or two direction changes over ... Cited by 3 - Related articles - All 4 versions

Emerging applications of aptamers to micro-and nanoscale biosensing

TH Nguyen, JP Hilton, Q Lin - Microfluidics and Nanofluidics, 2009 - Springer ... is a device used to detect the presence of and in particular cases, analyze a given target ... Lastly, a comparison study with the **sensor** against a commercial surface plasmon resonance (SPR) system ... aptamer for its ligand determined by classi- cal methods, such as filter binding or ... Cited by 3 - Related articles - All 3 versions

Micro-reactor, biological material inspection device, and microanalysis system A Nakajima, E Ueda, K Higashino, Y ... - US Patent App. 11/ ..., 2005 - Google Patents ... prepa- ration, chemical analysis and chemical synthesizing (eg pump, valve, flow path and sensor) on a chip ... Non-patent Document 1) (DNA Chip Technolo- gies and Its Applications), (Protein, nucleic acid, enzyme ... to be of a disposable type to make it to be an analyzing tool with ... All 4 versions

Chip-based isothermal amplification devices and methods

MA Burns, DT Burke, BN Johnson, JD ... - US Patent App. 10/ 2002 - Google Patents ... will comprises a nucleic acid detection means operably con- nected to, or in electrical communication with, the nucleic acid analysis component. ... Such DNA sensor means may be pn-type diffusion diodes or pn-type diffusion diodes combined with a wavelength filter and an ... Cited by 5 - Related articles - All 4 versions

Microfluidic particle-analysis systems

A Daridon - US Patent App. 10/640,510, 2003 - Google Patents ... 18,2004 (54) MICROFLUIDIC PARTICLE-ANALYSIS SYSTEMS (75) Inventor: Antoine Daridon, Belmont, CA (US) Correspondence Address: FLUIDIGM CORPORATION 7100 SHORELINE COURT SOUTH SAN FRANCISCO, CA 94080 (US) (73) Assignee: Fluidigm Corporation ...